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MODIN, N.

Contribution of the Design and Construction Office workers.
Prom.koop. 13 no.2:14-15 F '59. (MIRA 12:4)

1. Glavnyy inshener proyektno-konstruktorskogo byuro Rospromsoveta, Moskva.
(Moscow--Weaving)

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1. [redacted]ODIN, K. V.

2. USSR (600)

4. Steam Heating

7. Simple method of calculating the consumption of steam for heating, Rab. energ., 2, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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USSR/Engineering - Boilers, Gas-Fired Jul 50
Combustion

"Improvement of Boilers by Means of Flameless Fuel Combustion," K. V. Modin

"Energet Byul" No 7, pp 11-18

Describes experimental gas-fired (flameless) boiler designed by Eastern Sci Res Inst of Fuel Utilization. Details series of special boilers designed by Power Eng Inst, Acad Sci USSR. Includes sketches and table of dimensions of high-pressure jet burners developed by Stal'proyekt. Details two-stage jet burner produced by Saratov Plant imeni Lenin.

16/R19

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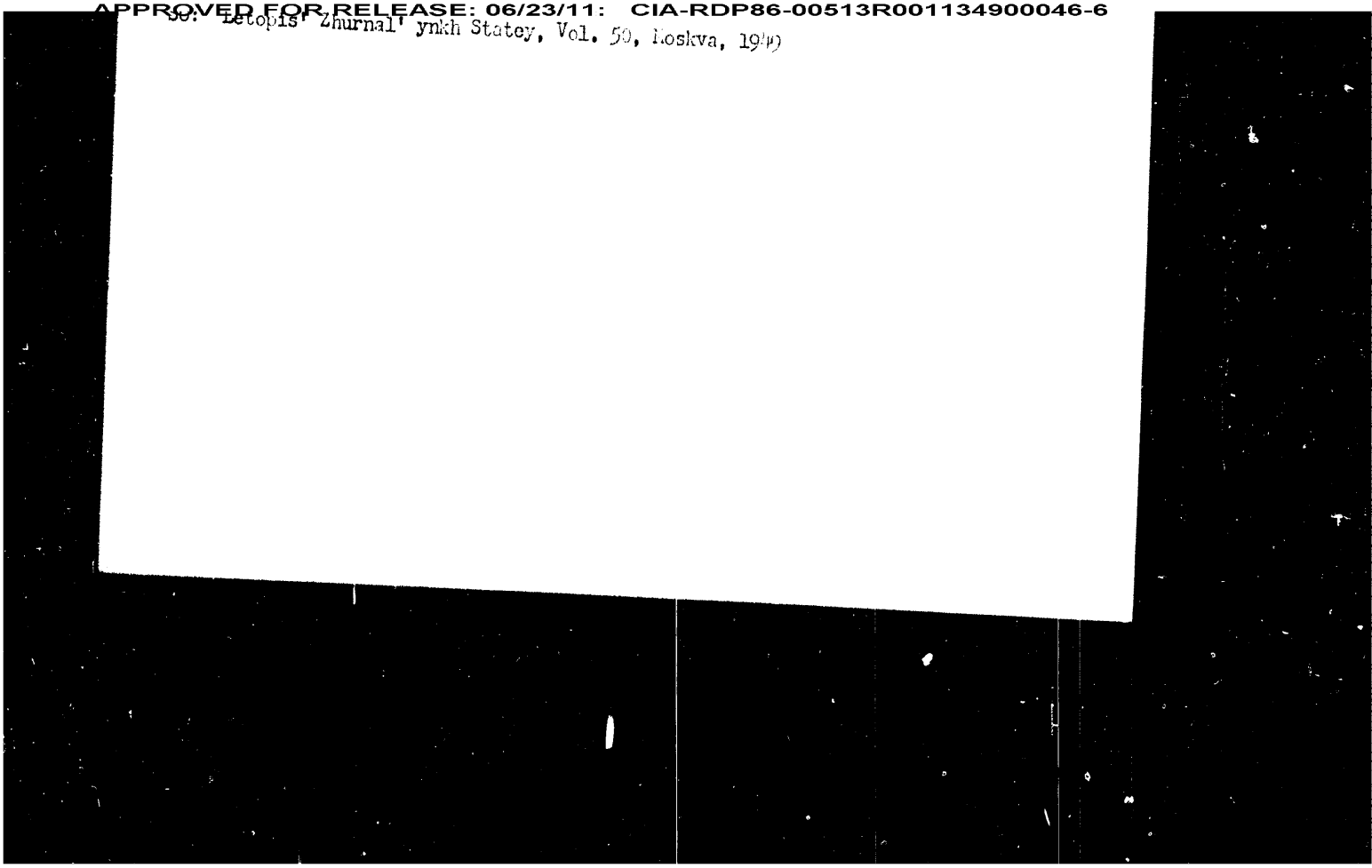
50. Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1948



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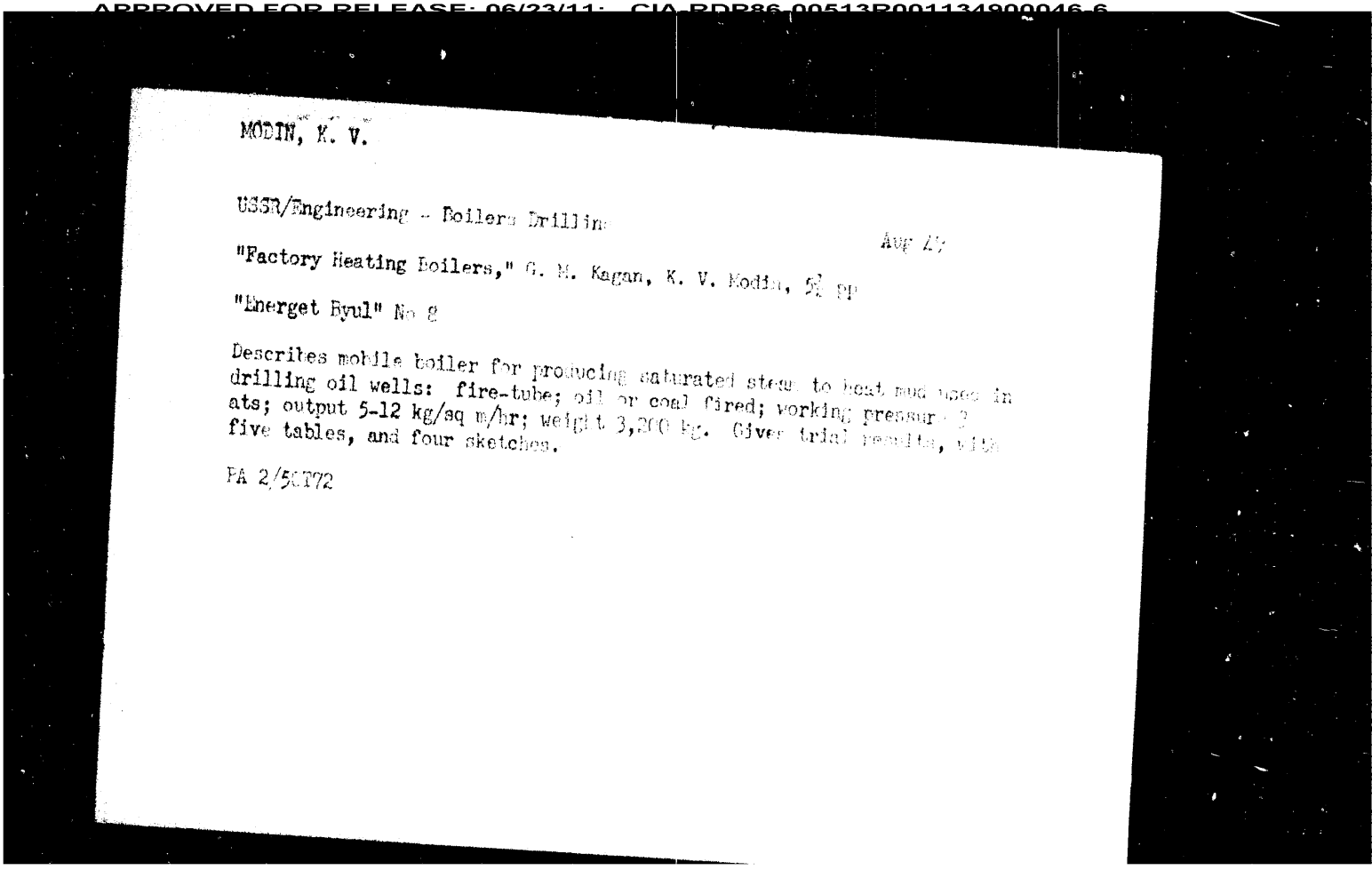

MODIN, K. V.

USSR/Engineering - Boilers Drilling

Aug 47

"Factory Heating Boilers," G. M. Kagan, K. V. Modin, 5½ pp

"Energet Byul" No 8

Describes mobile boiler for producing saturated steam to heat mud used in drilling oil wells: fire-tube; oil or coal fired; working pressur[illegible] ats; output 5-12 kg/sq m/hr; weight 3,200 kg. Gives trial results, with five tables, and four sketches.

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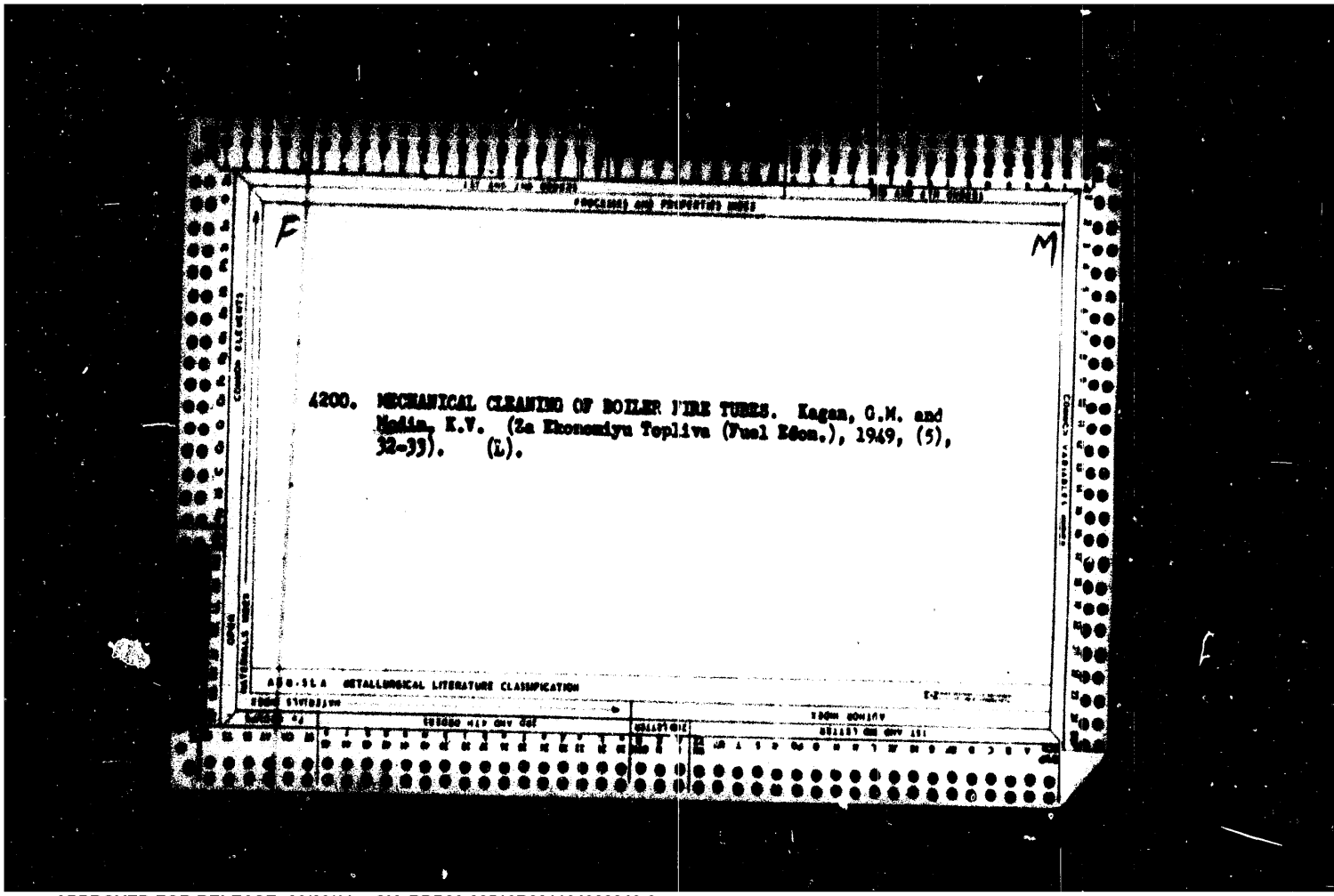

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tution after hardening and quenching. Trudy Inst. Met. nb.2: 106-112 '63. (MIRA 16:6)

(Steel--Metallography)
(Electron microscopy)

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RANNYKH, O.A., kand.tekhn.nauk; MODIN, Kh.; MODIN, S.

Structural changes during the tempering of eutectoid carbon steel. Metalloved. term. obr. met. no.9:17-19 S '62. (MIRA 16:4)

1. Institut metallurgii imeni A.A.Baykova i Metallograficheskiy institut v Stokgol'me.
(Steel—Metallography) (Tempering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

BANNYKH, O.A.; MODIN, S.; MODIN, Kh.

Growth of cementite particles during the tempering of hardened carbon steel with a eutectoid composition. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.2:71-77 Mr-Ap '62. (MIRA 15:4)
(Steel--Metallography) (Tempering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIN, G.V.

Dispersal of seeds of some weed species by the gray hare. Zool. zhur. 39 no.3:472-474 '60. (MIRA 13:6)

1. Preserve "Streletskaya Steppe", Academy of Sciences of the Ukrainian S.S.R., Luganak region, post office Melovoye.
(Hares) (Weeds)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIN, G.V.

Behavior of certain animals during the solar eclipse of June 30, 1954.
Zool.zhur.35 no.7:10[illegible]-1035 Jl '56. (MLRA 9:9)

1.Baybakovyy zapovednik "Streletskaya step'" AN USSR.
(Eclipses, Solar - 1954) (Animals, Habits and behavior of)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIN, G.V.

SMOGORZHEVS'KIY, L.O.; MODIN, G.V.

Biology of the white-winged lark Melanocorypha leucoptera Pall.
Nauk.zap.Kiev.un. 15 no.3:160 '56. (MLRA 10:7)
(Streletskoye District--Larks)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

1. MODIN, G.V., POLOSUKHIN, GG

2. USSR (600)

4. Hares

7. Methods of protecting forest belts against hares. Les i step' 14 n0. 11, 195?

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIN, A.A.

History of trigonometric series up to the second half of the 19th century. Uch. zap. IAr. gos. ped. inst. no.34:157-171 '60. (MIRA 15:9)

(Fourier series)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIN, A.A., slesar'

Automatic system for signaling water level limits in the drum of a steam boiler. Energetik 10 no.5:9-10 My '62. (MIRA 15:5)
(Boilers) (Level indicators)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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MODIN, A.

Matrix model of the production plan of a machinery manufacturing enterprise. Vop. ekon. no.1:103-114 Ja '62. (MIRA 15:1)
(Economics, Mathematical) (Onega--Tractor industry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIN, A.

An interbranch balance and the system of matrix models.
Vop. ekon. no.1:112-123 Ja '64. (MIRA 17:3)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

ZOSIMOVICH, V.P., red.otv.; MODILEVSKIY, Ya.S., red.; KOLESNIK, N.N., doktor biol. nauk, red.; KHUDYAK, M.I., kand. biol. nauk, red.; KORDYUM, Ye.L., kand. biol. nauk, red.; KUZNETSOVA, A.S., red.

[Cytology and genetics] TSitologiia i genetik . Kiev, Naukova dumka, 1965. 223 p. (MIRA 19:1)

1. Akademiya nauk URSR, Kiev. 2. Chlen-korrespondent AN Ukr.SSR i Institut botaniki AN Ukr.SSR (for Zosimovich).

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

RYBCHENKO, Oleg Ivanovich. MODILEVSKIY, Ya.S. [Modylevs'kyi, IA.S.], otv.red.

[Cytoembryology of the nightshade family] TSytoembriologiia rodyny pasl'onovykh. Kyiv, Naukova dumka, 1965. 158 p. (MIRA 18:6)

1. Chlen-korrespondent AN Ukr.SSR (for Modilevskiy).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

LYUBIMENKO, Vladimir Nikolayevich (1873-1937); OKANENKO, A.S., otv. red. toma; BUSLOVA, Ye.D., red.; LYUBINSKIY, N.A., red.; MATSKOV, F.F., red.; MODILEVSKIY, Ya.S., red.; MATYASHEVSKAYA, T.I., red.; RAKHLINA, N.P., tekhn. red.

[Selected works in two volumes] Izbrannye trudy v dvukh tomakh. Kiev, Izd-vo AN USSR. Vol.1.[Works on photosynthesis and the adaptation of plants to light] Raboty po fotosintezu i prisposobleniiu rastenii k svetu. 1963. 612 p. (MIRA 17:2)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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MODILEVSKIY, Yakov Samuilovich; ZEROV, D.K., akademik, otv. red.; SOLOV'YEVA, A.I., red.; REKES, M.A., tekhn.red.

[Cytoembryology of higher plants] TSitoembriologiia vysshikh rastenii; sovremennoe sostoianie. Problemy. Kiev, Izd-vo AN USSR, 1963. 370 p. (MIRA 17:2)

1. Akademiya nauk Ukr.SSR (for Zerov).

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KHUDYAK, Mariya Isaakovna; MODILEVSKIY, Ya., otv. red.; SKUTSKAYA, N.P., red.; KADASHEVICH, O.A., tekhn. red.

[Endosperm of angiosperms; characteristic aspects of its development and significance in fruit formation] Endosperm pokrytosemiannykh rastenii; osobennosti razvitiia i rol' v plodoobrazovanii. Kiev, Izd-vo AN Ukr.SSR, 1963. 182 p. (MIRA 17:1)

1. Chlen-korrespondent AN Ukr.SSR (for Modilevskiy).

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21-27 '63. (MIRA 16:6)

1. Institut botaniki AN UkrSSR, otdel tsitologii i embriologii.
(Gibberellin)
(Plants, Effect of light on)
(Parthenocarpy)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODILEVSKIY, Ya.S. [Modyleva'kyi, IA.S.]; DZYUBENKO, L.K.

Effect of gibberellin in conjunction with colored light on the development of vegetative and reproductive organs in tomatoes; morphological characteristics. Ukr. bot. shur. 19 no.6:3-12 '62.
(MIRA 16:2)

1. Institut botaniki AN UkrSSR, otdel tsitologii i embriologii.
(Gibberellin) (Plants, Effect of light on)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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ZEROV, D.K.; MODILEVSKIY, Ya.S.

In memory of Petr Fedorovich Oksiiuk. Ukr. bot. shur. 17 no.4:89-92 '60. (MIRA 13:9)
(Oksiiuk, Petr Fedorovich, 1896-1960)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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MODILEVSKIY, Ya.S.

The problem of fertilization in Charles Darwin's works. Ukr.bot. shur. 16 no.5:41-47 '59. (MIRA 13:4)
(Fertilization of plants)
(Darwin, Charles, Robert, 1809-1882)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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MODILEVSKIY, Ya.S. [Modylevs'kyi, IA.S.]

Polyploidy and the evolution of wild and cultivated plants.
Ukr.bot.zhur. 16 no.1:3-19 '59. (MIRA 12:5)
(Polyploidy)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODILEVSKIY YA. S.

USSR / Plant Physiology. Growth and Development. I

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6020.

Author : Modilevskiy, Ya. S.
Inst : Not given.
Title : Ontogony of the Higher Plants and the Theory of Stage Development.

Orig Pub: Ukr. botanichniy zh., 1958, 15, No 1, 3-21.

Abstract: Based on previously published cytoembryonological studies which he has made, as well as on the data of other investigators, the author advances a concept of four ontogenetic stages in the higher plants. 1. The protoembryonic stage exclusively in the aging maternal organism and simultaneously the preliminary stage for the nascent organism; it is characterized by cell rejuvenation at the growing points before sporogenesis. 2. The first

Card 1/2

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MODILEVSKIY, Ya.S.; ZHEROV, Demetrius K., 1895-, red.

[Cytological embryology of the principal cereals] Tsitoembriologiia osnovnykh khlebnykh zlakov. Kiev, Akademiia nauk Ukrainskoi SSR, 1958. 335 p. (MIRA 11:10)

(Botany--Embryology) (Grain)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODILEVS'KIY, YA. S.

MODILEVS'KIY, Ya.S.

Plant embryology and cytology in the Ukrainian S.S.R. during the last 40 years (1917-1957). Ukr.bot.zhur. 14 no.3:53-58 '57. (MIRA 10:10)

(Ukraine--Botanical research)
(Botany--Embryology)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODILEVS'KIY, Ya.S.

On the process of fruit formation in angiosperms or how "somatic fertilization" should not be defended. Ukr. bot. zhur. 14 no.1:86-98 '57. (MLRA 10:5)

1. Institut botaniki AN URSR, viddil tsitologii i embriologii.
(Fertilization of plants) (Angiosperms)

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MODILEVS'KIY, Ya.S.

Using cytoembryological data studying phasic development in plants (cytoembryological analysis of the phasic development of cereals). Ukr.bot.zhur.13 no.1:41-55 '56. (MLRA 9:9)

1.Institut botaniki AN URSR, Viddil tsitolegii i embriolegii.
(Grain)

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MODILEVSKIY, Yakov Samuilovich; ZEROV, D K., akademik, otvetstvennyy redaktor; GRUDZINSKAYA, O.S., redaktor izdatel'stva; ROKHLINA, N.P., tekhnicheskiy redaktor

[The history of Russian embryology of higher plants] Istoriia otechestvennoi embriologii vysshikh rastenii. Kiev, Izd-vo Akademii nauk USSR, 1956. 201 p. (MLRA 9:11)

1. Akademiya nauk USSR (for Zerov)
(Botany--Embryology)

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MODILEVSK'KIY, Ya.S.

Amitotic cell division in Allium odorum L. Bot.zhur. [Ukr.] 12 no.4:13-25 '55. (MLRA 9:3)

1. Institut botaniki AN URSR, viddil tsitologii i embriologii.
(Cell division (Biology))

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MODILEVS'KIY, Ya.S.

MODILEVS'KIY, Ya.S.

The role of light in fructification in barley. Bot.zhur.[Ukr.] 12 no.3:16-28 '55. (MLRA 8:11)
(Plants, Effect of light on) (Barley)

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MODILEVSKIY, Ya.S.

Some problems of "generation" of species in the light of cytoembryological data. Bot.shur.[Ukr.] 11 no.4:3-18 '54. (MLRA 8:7)

1. Institut botaniki AN URSR, viddil embriologii i tsitologii.
(Botany--Evolution)

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MODILEVS'KIY, Ya.S.

Scientific relations of Russian and Ukrainian scientists in the field of plant embryology. Bot.zhur.[Ukr] 11 no.2:12-16 '54. (MLRA 8:7)
(Botany--Embryology)

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MODILEVSKIY, Ya.S.

Inheritance of blossom form in buckwheat (Fagopyrum sagittatum Gilib.). Bot.zhur.[Ukr.] 11 no.1:78-84 '54. (MLRA 8:7)

1. Institut botaniki AN URSR, viddil tsitologii ta embriologii.
(Buckwheat)

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MODILEVSKIY, Ya. S.

Angiosperms

Problem of the origin of the embryo sac of angiosperms. Bot. zhur. 38, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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MODILEVS'KYY, Ya.S.

Fertilization in barley (Hordeum sativum) in connection with the study of special aspects of fertilization in angiosperms. Bot.zhur.[Ukr.] 10 no. 2:13-31 '53. (MLRA 6:6)

1. Instytut botaniky AN URSR, Viddil tsytologiyi ta embriologiyi.
(Barley) (Angiosperms) (Fertilization of plants)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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MODILEVSKIY, Ya.S.; LYUBIMS'KIY, M.A.

Physiological causes of adventious root formation. Bot.zhur.[Ukr.] 9 no.2:17-31 '52. (MLRA 6:11)

1. Institut botaniki Akademii nauk Ukrains'koi RSR, Viddil fiziologii.
(Roots (Botany))

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MODILEVS'KIY, Ye.S.

Alternation of generations in angiosperms and the study of phasic development. Bot.zhur.[Ukr.] 9 no.2:3-16 '52. (MLRA 6:11)

1. Institut botaniki Akademii nauk Ukrains'koi RSR, Viddil tsitologii ta yembriologii. (Angiosperms)

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MODILEVSKY, J. S.

E.

"Pollination in Buchwheat," Dok. AN, 53, No. 2, 1946.

Bot. Inst., Acad. Sci. of Ukr. SSR, Kiev. c1946-.

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MODILEVSKY, J. S.

"Amphidiploidy in angiospermous plants." (p. 349) by Modilevsky, J. S.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologie) Vol. XXII, No. 3, 1946.

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MODILEVSKY, Ya. S.

"Stage Development in the Angiospermae." (p. 335) by Modilevsky, Ya. S. (Ufa)

SO: Advances in Modern Biology (Uspekhi Sovr mennoi Biologii) Vol. 16, No. 3, 1943.

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MODILEVSKY, Ya. S.

"Haploidy in Angiosperm Plants" (p.129) by Ya. S. Modilevsky

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XV, 1942, No. 2

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NAZAROVA, O.M.; LOKSHINA, M.D.; POGORELKO, L.V.; TYMYANSKAYA, Ye.A.; TIKHOMIROVA, T.S.; MODILEVSKAYA, P.A.; KHARLAMOVA, K.S., LAVOCHKIN, M.P., otvetstvennyy redaktor; LIL'IN, A., tekhnicheskiy redaktor

[Moscow; a concise commercial and cultural directory. As of July 15, 1956] Moskva; kratkaia adresno-spravochnaia kniga. Po sostoianiiu na 15 iiulia 1956. [Moskva] 1956. 495 p. (MLRA 10:1)

1. Moskovskaya gorodskaya spravochno-informatsionnaya kontora "Mosgorspravka," Moscow.
(Moscow--Directories)

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MODYLEVSKAYA, K. D.

Transactions of the Seminar (Cont.) SOV/5994

PURPOSE: This collection of articles is intended for chemists, engineers, workers at scientific research institutes and plant laboratories, senior students, and aspirants at chemical and metallurgical schools of higher education.

COVERAGE: Articles of the collection present the results of studies of the chemical properties of refractory compounds (carbides, borides, nitrides, phosphorides, silicides), refractory and rare metals, and their alloys, and some original methods of analyzing these materials, which are now being utilized in the new fields of engineering. No personalities are mentioned. Each article is accompanied by references, mostly Soviet.

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Transactions of the Seminar (Cont.) SOV/5994

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AVAILABLE: Library of Congress

SUBJECT: Metals and Metallurgy

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MODILEVSKAYA, K D

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PHASE I BOOK EXPLOITATION SOV/5994

Akademiya nauk Ukrainskoy SSR. Institut metallokeramiki i spetsial'nykh splavov. Seminar po zharostoykim materialam. Kiyev, 1960.

Trudy Seminara po zharostoykim materialam, 19-21 aprelya 1960 g. Byulleten' no. 6: Khimicheskiye svoystva i metody analiza tugoplavkikh soyedineniy (Transactions of the Seminar on Heat-Resistant Materials of the Insitute of Powder Metallurgy and Special Alloys of the Academy of Sciences of the Ukrainian SSR. Held 19-21 April, 1960. Bulletin no. 6: Chemical Properties and Methods of Refractory Compound Analysis). Kiyev, Izd-vo AN UkrSSR, 1961. 124 p. 1500 copies printed.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Institut metallokeramiki i spetsial'nykh splavov.

Editorial Board: I. N. Frantsevich; G. V. Samsonov, Resp. Ed.; I. M. Fedorchenko, V. N. Yeremenko, V. V. Grigor'yeva, and T. N. Nazarchuk; Tech. Ed.: A. A. Matveychuk.

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MODIGA, Victor, ing.

Technology of continuous breeding of swine. St si Teh Buc 14 no.11:18-19, 38 N'62.

1. Institute of Research for Mechanization of Agriculture.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MOLIGA, M.; VADUVA, P.; DUMITRESCU, Constantin; CARICI, S.; POP, I.

Studies for designing the active parts of special plows.
Bul St si Tehn Tim 8 no.1:195-203 Ja-Je '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIC, Roman, dr ins., prof. (Ljubljana, Zaloska 57)

Training of chemical engineers at the University of Ljubljana. Tehnika Jug 19 no.5:Suppl:Hemindustrija 18 no.5:943-945 My '64.

1. Faculty of Natural Sciences and Technology, University of Ljubljana.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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HRIBERNIK, E.; MEDIC, R.; JOST, J.; CUKROV, J.; MESOJEDIC, B.

Adsorption of phenols on the Yugoslav coals and cokes.
Vest Slov kem dr 9-no.1/2:21-26 Ja-Je '62.

1. Institut za kemijo Univerze v Ljubljani.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

[illegible], A.; SNETELJ, J.; [illegible], I.

Contribution to the solution of the problem of [illegible] water in the industrial basin of Celje. (To be contd.) n. t.t.

NOVA PROIZVODNJA. (Zveza drustev inzenirjev in tehnikov LRS)
Ljubljana, Yugoslavia. Vol. 13, no. 4, Apr. 1963.

Monthly list of the East European Accessions (EEAI) LC, Vol. [illegible], no. [illegible], [illegible].

Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

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YUGOSLAVIA / Physical Chemistry. Surface Phenomena. B-13
Adsorption. Chromatography. Ion Exchange.

Abs Jour: Ref Zhur-Khimiya, No 10, 1959, 34390

Author : Modic R.
Inst : Not given
Title : Adsorption of Phenols by Anionite

Orig Pub: Vest. Slov. Kem. drustva, 1957, 4, No 1-2, 7-17

Abstract: The effect of conditions (use of different substances for regeneration, concentrations, flow rates, and direction of flow) was investigated on the adsorption of phenol from water solutions by a strongly alkaline anionite. The work was performed in a glass column. These experiments included the determination of adsorptive capacities in the simultaneous adsorption of a number of simple phenol homologues. A method is proposed for quantitative

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MODIC, R.

Yugoslavia (430)

Technology

Some problems of the chemical industry in Slovenia. p. 180, Nova Proizvodnja, Vol 2, No 3, May, 1952.

East European Accessions List, Library of Congress, Vol 2, No 3, March 1953. UNCLASSIFIED

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MODIC, Dusan

Courses in mathematics and physics in Novo mesto. Obz mat fiz 7 no.1: 44 Mr '60. (EEAI 9:8)
(Slovenia--Mathematics) (Slovenia--Physics)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIC, Anton (Ljubljana)

Application of thermistors. Pt. 1. Elektr vest 30 no.3/4:31-32 '62/'63.

1. Zavod za avtomatizacino, Ljubljana, Miklosiceva 20.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODIC, Anton

Characteristics of thermistors. Elektr vest 30 no.1/2:17-24 '62/'63.

1. Address: Zavod za avtomatizacijo, Ljubljana, Miklosiceva 28.

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MODI, Iyene; SABO, Ishtvan; H.CHIKI, Ilona

Polarographic studies on the blood serum of animals receiving silicic acid. Biul. eksp. biol. i med. 52 no.10:60-63 O '61. (MIRA 15:1)

1. Iz kafedry normal'noy fiziologii (zav. - doktor Sabo Ishtvan) i kafedry biokhimii (zav. - doktor Kovach Endre), Tyrgu-Mureshskogo meditsinskogo instituta, Rumyniya. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinym.

(SILICIC ACID--PHYSIOLOGICAL EFFECT)
(POLAROGRAPHY) (SERUM)

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SABO, I.; ADOR'YAN, S.; KHADNOD', Ch.; KIFOR, I.; MODI, I.

Effect of tuberculostatic substances on some functions of the liver. Pat. fiziol. i eksp. terap. 9 no.1:73 Ja-F '65.
(MIRA 18:11)

1. Kafedra fiziologii i II terapevticheskaya klinika Mediko-farmatsevticheskogo instituta, Tyrgu-Mureshi, Rumyniya.

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SABO, I.; MODI, Y. [Modi, I.]; SEKEY, Ya. [Sekei, I.] (Tyrgu-Muresh, Rumyniya)

Effect of silicic acid and silica on blood lipoids. Pat.fiziol. i eksp. terap. 5 no.3:74-75 My-Je '61. (MIRA 14:6)

1. Iz nauchno-issledovatel'skoy basy (rukovoditel' - akademik D. Mishkol'tsi) Akademii nauk Rumynskoy Narodnoy Respubliki i kafedry fiziologii (rukovoditel' - dotsent I.Sabo) Mediko-farmatsevticheskogo instituta.
(LIPIDS) (SILICA)

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SABO, I.; MODI, I.; DEMETER, A.; LASLO, I. (Rumyniya)

Blood circulation in the portal vein system and in the lungs in experimental shock against a background of hibernation. Pat. fiziol. i eksp. terap. 4 no. 5:30-34 S-O '60. (MIRA 13:12)

1. Iz kafedry normal'noy fiziologii Tyrgu-Mureshskogo mediko-farmatsevticheskogo instituta.
(SHOCK) (HYPOTHERMIA) (CHLORPROMAZINE) (PORTAL VEINS) (PULMONARY ARTERY)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

SABO, I.; FAZAKASH, B. [Fazacas, B.]; MODI, L.; LASLO, I.

Study of immunogenesis and proteinemia in animals following the administration of ascarid extracts. Med. paraz. i paraz. bol. 33 no.6:689-693 N-D '64. (MIRA 18:6)

1. Kafedra fiziologii i parazitologii Mediko-farmatsevticheskogo instituta, goroda Tyrgu-Muresh, Rumyniya.

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MAROS, Tiberiu; KOVACS, Andrei; MODI, Eugen; LAZAR, Ladislau

Changes in the protein fractions of the blood consequent upon partial decortication and injury of nerv structures in the brain stem. Rumanian M Rev. no.1:182-185 Ja-Mr '61.

1. The Chair of Human Anatomy and Surgical Medicine (Head of the team: Assist. Prof. Tiberiu Maros) and the Chair of Biological Chemistry (Head of the team: Assist. Prof. Andrei Kovacs) of the Medicopharmaceutical Institute, Tg. Mures).
(BRAIN STEM physiology) (BLOOD PROTEINS)

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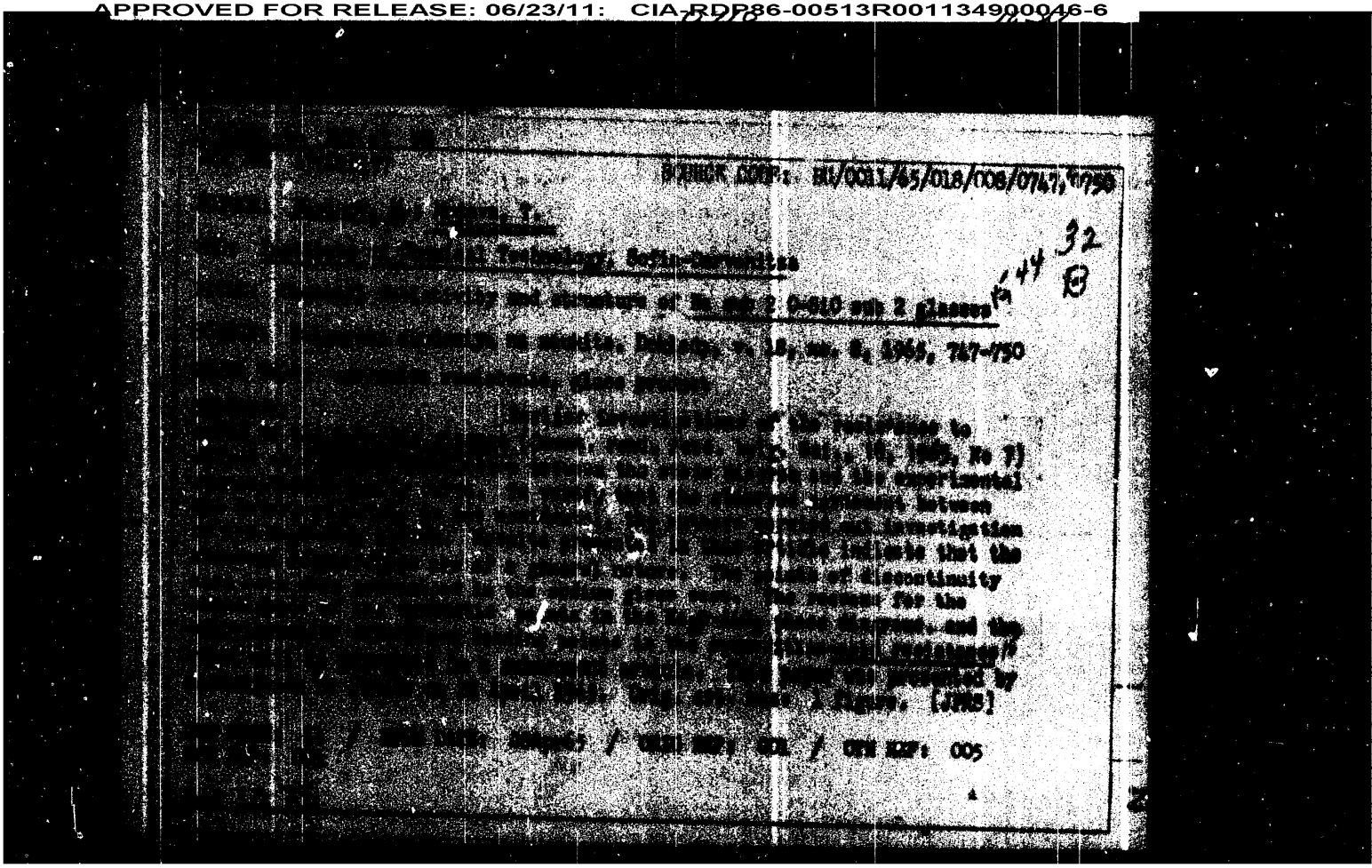

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L 4463-66 EWT(m) WW

ACC NR: AP6026276 SOURCE CODE: BU/0011/65/018/007/0543/0546

AUTHOR: Marinov, M.; Nodova, T.

ORG: Institute of Chemical Technology, Darvenitsa-Sofia

TITLE: Chemical stability and the structure of K sub 2 - SiO sub 2 system glasses

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 643-646

TOPIC TAGS: chemical stability, glass property, glass eutectic mixture

ABSTRACT: To check the possible existence of corners on the composition-properties curves of glasses and to correlate them (if they exist) with some invariance points of the phase diagrams, the authors studied the chemical stability of K_2O-SiO_2 systems. Results show that the property curve is clearly correlated with its liquidus curve. Contrary to the earlier beliefs, the corners appear at the eutectic as well as dieutectic points. The authors believe that these results confirm the existence of periodic changes in the structure of glasses as functions of their chemical composition, as claimed earlier by one of the authors (M. M. Marinov, Silikattechnik, 14, 1963, 5, 131; Ibid., 14, 1963, 6, 209). This paper was presented by Academician D. Ivanoff on 19 March 1965. Orig. art. has: 1 figure and 1 table. [Orig. art. in German] [JPRS: 33,540]

SUB CODE: 11, 07 / SUBM DATE: none / SOV REF: 007 / OTH REF: 008

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MARINOV, M.; MODEVA, T.; VODENICAROVA, C. [Vodenicharova, Ts.]

Glass formation in the system $5CaO.2MgO.6SiO_2$—$3CaO.2SiO_2$—$CaO.Al_2O_3$—ZnO. Doklady BAN 16 no.2:149-152 '63.

1. Vorgelegt von Akademiemitglied D. Ivanoff [Ivanov, D.].

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MARINOV, M.; MOSKVA, T.; VODENICAROVA, C. [Vudenicharova, C.]

Glass formation in the system $5CaO.2MgO.6SiO_2$-$3CaO.2SiO_2$-$CaO.Al_2O_3$-PbO. Doklady BAN 16 no.1:57-60 '63.

1. Vorgelegt von Akademiemitglied D. Ivanoff [Ivanov, D.]

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MARINOV, M.; VODENICAROVA, C. [Vodenicharova, Ts.]; MODEVA, T.

Vitrification and the crystalization capacity in two cross sections of the system B_2O_3-5CaO.2MgO.6SiO_2-3CaO.2SiO_2-CaO. [illegible]. Doklady BAN 15 no.4:389-392 '62.

1. Vorgelegt von Akademiemitglied D. Ivanoff [Ivanov, D.]. Chlen Redaktsionnoy kollegii, "Doklady Bolgarskoy akademii nauk."

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MARINOV, M.; VODENICAROVA, C. [Vodenicharova, TS.]; MODEVA, T.

Glass formation in the system Na_2O - CaO - MgO - Al_2O_3 - SiO_2. Doklady BAN 15 no.1:33-35 '62.

1. Vorgelegt von Akademiemitglied D. Ivanov; chlen Redaktsionnoy kolegii, "Doklady Bolgarskoy Akademii nauk."

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The determination of certain...

Al_2O_3 2-16; Fe_2O_3 4-15; SiO_2 47-58. Specimens of polycrystalline materials were obtained. Softening point of the glasses obtained 750-790°C; density 2.8-2.97 g/cm^3; refractive index 1 582-1.636. [Abstracter's note: Complete translation.]

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S/081/62/000/013/030/054
B177/B101

AUTHORS: Marinov, M. R., Modeva, T. S.

TITLE: The determination of certain properties in glasses synthesised during investigation into a special case of the $Na_2O - CaO - MgO - Al_2O_3 - Fe_2O_3 - SiO_2$ system

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1962, 422-423, abstract 13K285 (Khimiya i industriya v. 33, no. 6, 1961, 175-179)

TEXT: The authors have established laws affecting changes in the properties of glasses synthesized during investigation into the system $Na_2O - CaO - MgO - Al_2O_3 - Fe_2O_3 - SiO_2$. Diagrams show "composition" in relation to "properties" (crystallizing power, resistance to water and acids, softening point, density and refractive index). All glasses in the system have a high tendency to crystallisation, which increases with the content of Na_2O and Fe_2O_3. Glasses having the least of this tendency are those containing (in %): Na_2O 1.5-10; CaO 21-28; MgO 0-7;

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S/081/62/000/002/069/[illegible]
B150/B101

AUTHORS: Marinov, M. R., Modeva, T. S.

TITLE: Vitrification in the system Na_2O - CaO - MgO - Al_2O_3 - Fe_2O_3 - SiO_2

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 378, abstract 2K240 (Khimiya i industriya, v. 33, no. 3, 196[illegible] 7[illegible] - 8[illegible])

TEXT: The field of vitrification was developed of a six-fold system of composition, containing oxides in the following ranges (in %): Na_2O 0-6 CaO 18-30, MgO 0-18, Al_2O_3 0-24, Fe_2O_3 4-24, SiO_2 39-65 in non stoichiometric proportion. [Abstracter's note: Complete translation.]

Card 1/1

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MARINOV, M. R.; MODEVA, T. S.

Determining some glass properties synthesized in the course of the study of a special case in the system Na_2O-CaO-MgO-Al_2O_3-Fe_2O_3-SiO. Khim i industriia 23 no.6:175-179 '61.

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Glass-forming in the system ...

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D204/D307

regions of practical interest: A) glass of considerable hardness, B) glass absorbing only weakly in the infrared, C) the so-called tungsten glass with an expansion coefficient of 40×10^{-7}. Glass-forming in regions A and B is only possible when some components are replaced with PbO, B_2O_3 or Na_2O.

[Abstracter's note: Complete translation]

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

B/007/62/000/002/002/012
D204/D307

AUTHORS: Marinov, M., Vodenicharova, Ts. and Modeva, T.

TITLE: Glass-forming in the system $CaO-MgO-Al_2O_3-SiO_2$

PERIODICAL: Referativnyy byulleten' Bolgarskoy nauchnoy literatury, Khimiya i khimicheskaya tekhnologiya, no. 2, 1962, 4, abstract 91, Doklady BAN, 14, 1961, book 8, pp 807-810 (Ger., Rus. summary)

TEXT: The aim of the present work was the synthesis and study of non-alkaline or alkali-poor glasses with increased Al_2O_3 and CaO partly substituted with MgO. The oxide ratios were thus selected to correspond to 5CaO, (sic) $2MgO.6SiO_2$, $3CaO.2SiO_2$ and $CaO.Al_2O_3$. The system was studied at 107 points, and the melts were tested for glass-forming tendencies by pouring them onto a metallic plate. The glass-forming region established experimentally includes widely variable compositions (%): CaO 39-56, MgO 0-11.2, Al_2O_3 0-29, SiO_2 28-50. The authors note that the system studied has three

Card 1/2

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MARINOV, M. R.; MODEVA, T. S.

Synthesis and properties of glass in a particular case system. Na_2O-CaO-MgO-Al_2O_3- Fe_2O-SiO_2. Doklady BAN 14 no.5:487-489 '61.

1. Vorgelegt von Akademiemitgl. D. Ivanov.

(Glass)

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MOLEV, L.

TECHNOLOGY

Periodical LEKA PROMISHLENOST. TEKSTIL. Vol. 7, no. 9, 1958.

MOLEV, L. Concerning beautiful and comfortable clothing for workers. p. 37.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

KITOV, D.; MODEV, A.; MANDULOVA, E.

Diagnostic importance of pain-inducing methods in patients with sciatica. Suvr. med. 16 no.6:352-355 '65.

1. Katedra po nervni bolesti i nevrokhirurgiia (rukovoditel - prof. Tr. Zaprianov), Visshi meditsinski institut, Plovdiv.

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MODESTOVA, Z.I., kand.med.nauk (Moskva)

Treatment and care for patients with bronchial asthma. Med. sestra 20 no.10:8-14 O '61. (MIRA 14:12)

1. Iz kafedry II terapii TSentral'nogo instituta usovershenstvovaniya vrachey i klinicheskoy bol'nitsy imeni S.P.Botkina.
(ASTHMA)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODESTOVA, Z.I. (Cand. of Med. Sci.)

"Inhalation of a Dry Aerosol of Calcium Salt of Penicillin,"

p. 361 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May 1957. p. 405, Moscow, Medgiz, 1957.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODESTOVA, Z.I.

Blood circulation rate in separate parts of the hemopoietic system. Klin.med., Moskva 28 no.5:52-59 May 50. (CLML 19:4)

1. Of the Therapeutic Clinic (Director -- Prof. M.S.Vovsi, Active Member of the Academy of Medical Sciences) of the Central Institute for the Advanced Training of Physicians and of the Clinical Order of Lenin Hospital imeni S.P.Botkin, Moscow.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900046-6

MODESTOVA, Ye.V. (Moskva)

Fluorescent method for studying leucocytes during the treatment with radon baths. Vop.kur., fizioter. i lech. fiz. kul't 30 no.5:456-457 S-O '65.

(MIRA 18:12)

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were plotted on the changes of the corrosion rate and the electrode potential as a function of the oxygen content in the alloy. All alloys in a 70% H_2SO_4 solution had a higher corrosion resistance than Ti. Two minimums at 5 and 15 at% oxygen and 2 maximums at 9 - 13 and ~ 20 at% oxygen were observed on the corrosion rate curve. The corrosion rate steadily decreased in alloys containing > 20 at% oxygen. The alloys with minimal corrosion (5 and 15 at% oxygen) corresponded to the α-solid solution of oxygen in Ti and Ti_6O, respectively. In 40% H_2SO_4 solutions, the corrosion rate curve was lower than that in 70% H_2SO_4, but it had the same character and maximums and minimums with about the same concentrations of oxygen. The solid solution of Ti with 5 at% oxygen, the compounds Ti_6O and Ti_3O (alloy with 25at% oxygen), and the alloy with 36 at% oxygen were strongly resistant to corrosion both in 40% and 70% H_2SO_4 solutions. The curves showing the dependence of the stationary potential on the content of oxygen in the Ti-O alloys were to a certain degree similar to the corrosion rate curves, although they were not exactly the same, because the stationary potential depended both on anodic and cathodic processes. The most interesting fact was that an addition of $\leq$ 5% oxygen increased the resistance of Ti to corrosion by several times. The paper was presented by Academician A. A. Bochvar 26 Mar 1965. Orig. art. has. 4 fig.

SUB CODE: 13/ SUBM DATE: 16Mar65/ ORIG REF: 017/ OTH REF: 001

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L 34356-66 EWT(m)/EWP(t)/ETI IJP(c) WW/H/JD/WB

ACC NR: AP5027845 SOURCE CODE: UR/0020/65/165/001/0136/0139

AUTHOR: Glazova, V. V.; Kornilov, I. I.; Modestova, V. N.; Tomashov, N. D.

ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii); Institute of Physical Chemistry, AN SSSR (Institut fizicheskoy khimii AN SSSR)

TITLE: Corrosion behavior in sulfuric acid solution of alloys of the titanium-oxygen system

SOURCE: AN SSSR. Doklady, v. 165, no. 1, 1965, 136-139

TOPIC TAGS: titanium compound, titanium base alloy, corrosion resistance, electrode potential, sulfuric acid

ABSTRACT: Titanium has a large affinity to oxygen and the presence of a Ti compound with oxygen decelerates corrosion considerably. It was of interest, therefore, to study the behavior of Ti alloys with oxygen. The Ti-O alloys were prepared in an arc furnace with a noncombustible W electrode in an Ar atmosphere. The initial materials were: Ti iodide (99.9% Ti) and Ti oxide (99.93% TiO_2). The oxygen was added in the form of an alloy containing 15.8% oxygen and prepared by melting in the arc furnace tablets compressed from Ti and TiO_2. The Ti-O alloys, containing 1, 5, 9, 10, 11, 12, 13, 15, 16, 17, 20, 25, and 36 at% oxygen, were thus prepared. The study of corrosion resistance and stationary electrode potential of the Ti-O alloys was made in 40% and 70% H_2SO_4, i.e. under conditions of the strongest possible corrosion of Ti. The curves

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27

TITLE: The effect of hydrogen absorption on the electrochemical behavior of titanium

SOURCE: Soveshchaniye po metallokhimii, metallovedeniyu i primeneniyu titana i yego splavov, 6th, Novyye issledovaniya titanovykh splavov (New research on titanium alloys); trudy soveshchaniya. Moscow, Izd-vo Nauka, 1965, 130-137

TOPIC TAGS: titanium, cathode polarization, anodic oxidation, sulfuric acid, corrosion resistance, electrode potential, hydrochloric acid / VT1 titanium

ABSTRACT: The effect of preliminary cathode polarization on the subsequent anodic dissolution and anodic oxidation of titanium is studied. The specimens were prepared from VT1 titanium with the impurities (wt %): 0.03 Fe, 0.03 Si, 0.05 C, 0.06 Cl, 0.03 N, and 0.1 O. The specimens were annealed for 2 hrs at 800C. Potentiostatic curves were plotted for titanium and titanium with a hydride layer in a 3-N solution of H_2SO_4 (see Fig. 1). Anodic dissolution of titanium with a hydride layer was found to occur with greater retardation than that of titanium without a layer.

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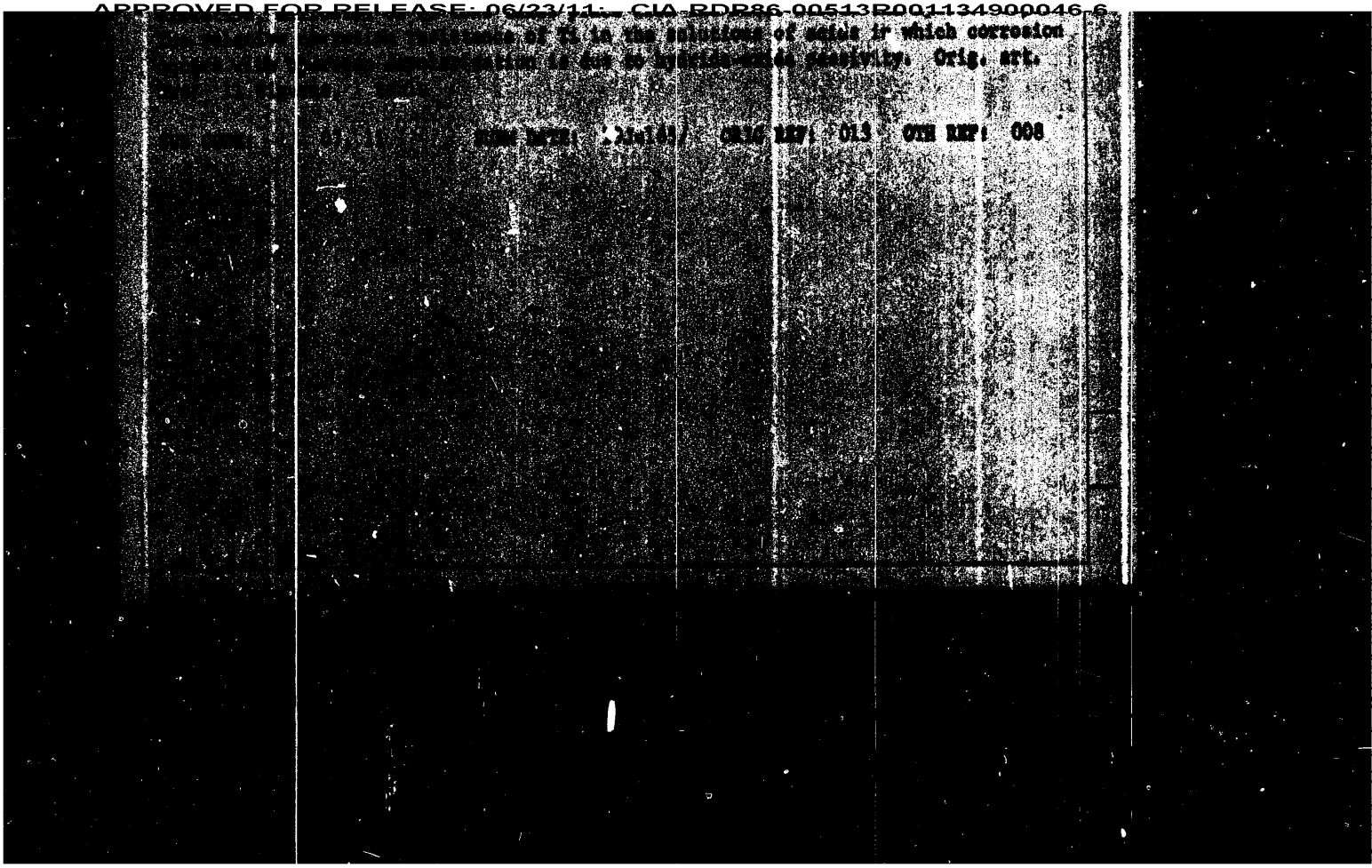

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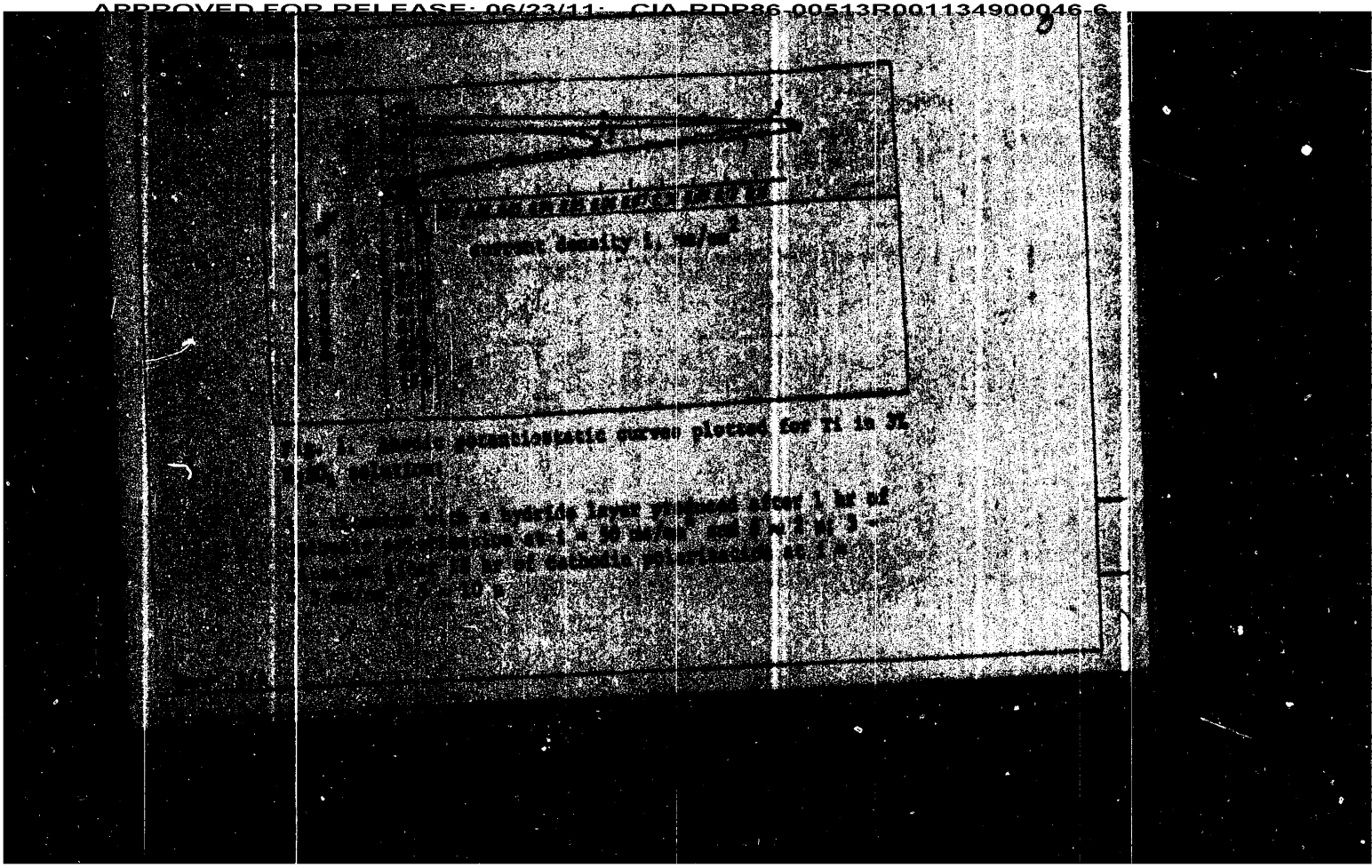

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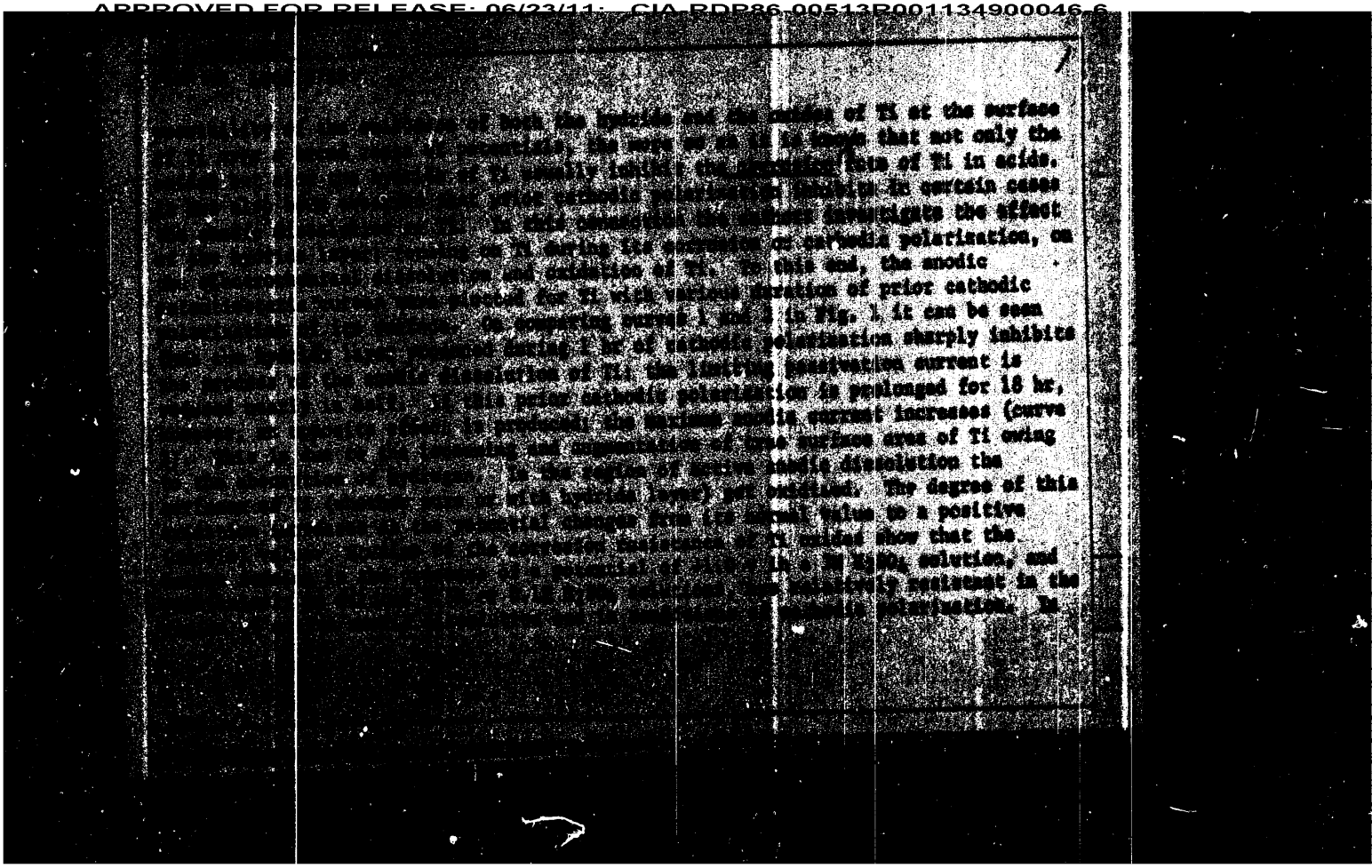

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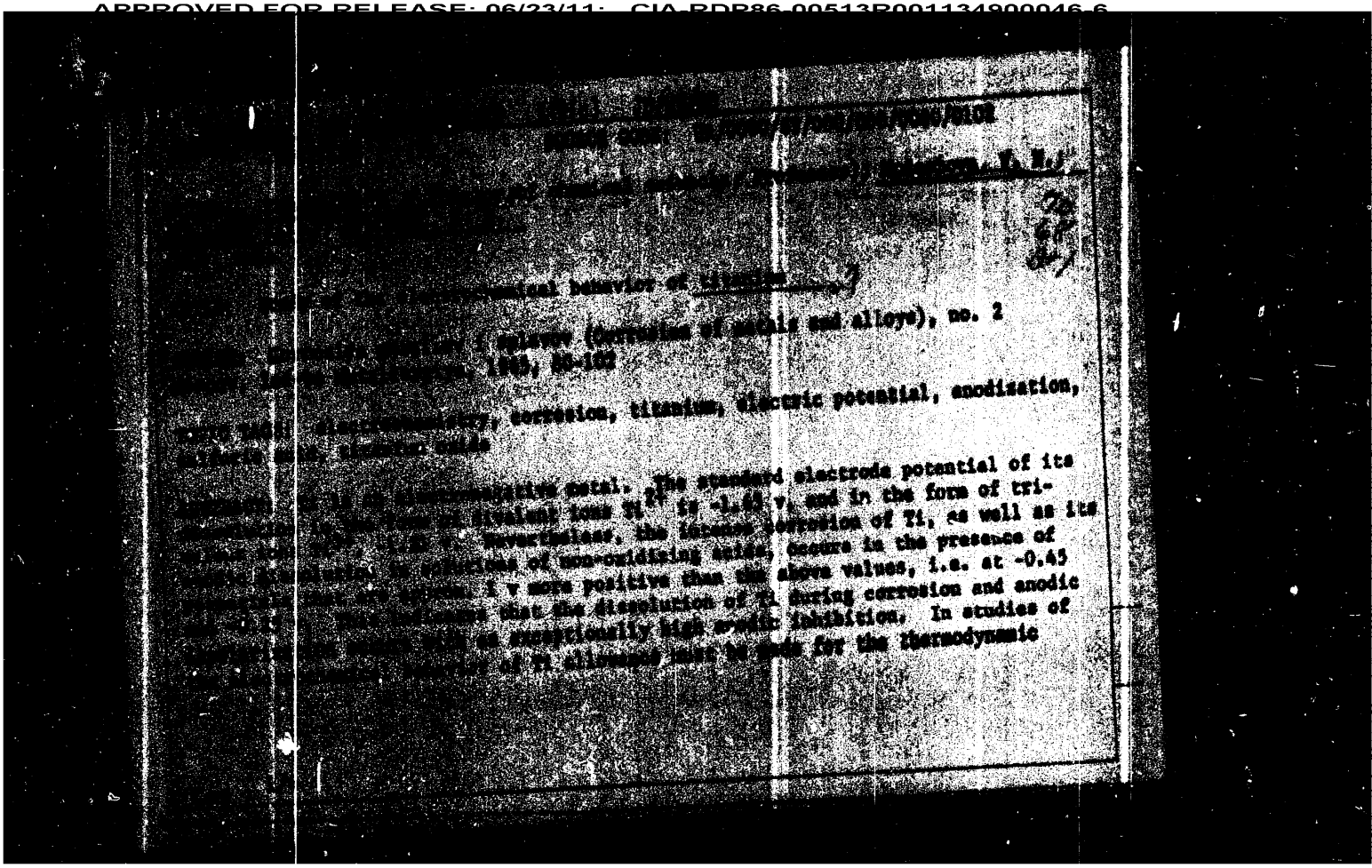

...electrochemical behavior of titanium...?

...science (Corrosion of metals and alloys), no. 2

...1963, 88-102

...; corrosion, titanium, electric potential, anodization,

...electrochemically negative metal, the standard electrode potential of its ... divalent ions Ti^{2+} is -1.63 V, and in the form of tri- ... Nevertheless, the intense corrosion of Ti, as well as its ... solutions of non-oxidizing acids, occurs in the presence of ... 1 V more positive than the above values, i.e. at -0.45 ... indicates that the dissolution of Ti during corrosion and anodic ... an exceptionally high anodic inhibition. In studies of ... of Ti chlorides must be made for the thermodynamic

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lutions with a high corrosion-rate or on the superimposition of large stresses, and (b) to the fact that in such solutions the specimens rupture in a comparatively short time owing to their rapid deformation. The fissures caused by the formation of hydrides are of little consequence in the pre-rupture period. On corrosion under stress welded specimens of both alloys disintegrate 1.5 - 4 times more rapidly than is the case with unwelded specimens. There are 7 figures, 1 table and 13 references: 3 Soviet-bloc and 10 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: R.D.W. Strough et al, Battle Memorial Inst., Titanium Met. Lab., Columbus 15, 54, 1957; R. Meredith et al, Welding J. 36, 9, 415, 1957; G.R. McKinsey, et al., Trans. Amer. Soc. for Metals 50, 436, 1958; Thien-Shin Lyu et al., Ibid. 50, 455, 1958.

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Behavior of titanium alloys on ...

some specimens were galvanically coated with Ni to remove any surface layers of hydrides that tend to form at the section edges. The data disclose that hydrogen penetrates deep into both alloys; hydride deposition is very evident in the alloy VT5, chiefly along the gliding planes and partly in a direction normal to that of the externally-applied stress. In contrast to the alloy VT1 the VT5 specimens disintegrate with relative brittleness in dilute acid, and their rupture occurs after 35 days. Fissures are developed principally along the gliding planes, preserving on a large scale a direction normal to the stress. This behavior of the alloy VT5 may be caused by the presence of Al (4.7 %). The tendency for specimens to become passive after immersion in 5.3 % HCl for one month may result from the accumulation of $TiCl_4$ ions in the solution, as has been noted by V.V. Andreyeva et al (Ref. 13: Dokl. AN SSSR, 128, 4, 748, 1959). For VT5 the corrosion-rate of the specimens increases with increasing acidity -- it reaches 58 g/m^2 per day in 40 % H_2SO_4 -- and stress, which leads to their plastic rupture with almost the same weight-losses. The authors believe this to be due (a) to the smaller amount of absorbed hydrogen at the moment of rupture in so-

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S/598/61/000/006/029/034
D228/D303

18.8300 1413 1454

AUTHORS: Tomashov, N.D., and Modestova, V.N.

TITLE: Behavior of titanium alloys on corrosion under stress in an acid environment

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Titan i yego splavy. no. 6, 1961. Metallotermiya i elektrokhimiya titana, 221 - 229

TEXT: The authors studied the behavior of tempered sheet-like material with an α-structure -- the Ti-Al alloy BT5 (VT5) and the Ti alloy BT... (VT1) -- during their corrosion under stress by acids, a problem that has also been examined by other scientists. The tests were conducted in 5.3 - 70 % solutions of HCl and H_2SO_4; a constant tensile-stress of up to 72 kg/mm^2 was applied by a leverage machine in accordance with the method of N.D. Tomashov et al (Ref. 10: Tr. Inst. fiz. khim. AN SSSR, vyp. 7, 5, 64, 1959). During the experiments the solution temperature was initially maintained at 35° before being lowered to 20°. Prior to their polishing and etching

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A006/A001

Methods of Investigating Corrosion and Electrochemical Behavior of Metals Under Stress

NaCl + 20 g/l K_2CrO_4 solution, coarse spotty corrosion is observed. The stress does practically not affect the shape of pittings.

From the authors' summary

Translator's note: This is the full translation of the original Russian abstract.

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A006/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 20, p. 294, # 81433

AUTHORS: Tomashov, N.D., Modestova, V.N., Blinchevskiy, G.K.

TITLE: Methods of Investigating Corrosion and Electrochemical Behavior of Metals Under Stress

PERIODICAL: Tr. In-ta fiz. khimii, AN SSSR, 1959, No. 7, pp. 64-77

TEXT: The design of a machine was developed for corrosion tests under stress with a time-constant load, permitting the operation at higher temperatures and measuring simultaneously the potential of the specimen. The corrosion behavior under stress of MA9 alloy was tested (low-alloy magnesium base alloy) in 0.001 n. NaCl solution and in a solution containing 35 g/l NaCl + 20 g/l K_2CrO_4. It is shown that in 0.001 n. NaCl solution, when stress is absent, the corrosion defects appear in the form of multiple rounded micropittings. In the presence of stress, the micropittings transform into slits or intercrystallite cracks. In a 35 g/l

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Vsesoyuznyy sovet nauchno-tekhnicheskikh obshchestv

Mezhkristallitnaya korroziya i korroziya metallov v napryazhennom sostoyanii (Intercrystalline and Stress Corrosion of Metals) Moscow, Mashgiz, 1960. 358 p. 3,000 copies printed.

Ed.: I.A. Levin, Candidate of Technical Sciences; Ed. of Publishing House: I.I. Lesnichenko, Engineer; Tech. Ed.: V.D. El'kind; Managing Ed. for Literature on Metalworking and Instrument Making (Mashgiz): V.V. Rzhavitskiy, Engineer; Editorial Board: I.A. Levin, Candidate of Technical Sciences (Chairman), V.P. Batrakov, Candidate of Technical Sciences, V.M. Nikiforova, Candidate of Technical Sciences, and A.V. Turkovskaya, Candidate of Technical Sciences.

PURPOSE: This collection of articles is intended for technical personnel concerned with problems of corrosion of metals.

COVERAGE: The collection contains discussions of intercrystalline corrosion of stainless steels and stress corrosion of carbon steels, low-alloy and stainless steels, and light-weight and nonferrous alloys. The tendency of steels of various composition and system to corrode under certain conditions is discussed and the nature of corrosion and corrosion cracking is analyzed. No personalities are mentioned. Most of the articles are accompanied by bibliographic references, the majority of which are Soviet.

V. STRESS CORROSION OF LIGHTWEIGHT AND NONFERROUS ALLOYS

Romanov, N.N., Doctor of Chemical Sciences, Professor, and V.I. Medvedeva, Candidate of Chemical Sciences. Effect of Stress on the Corrosion and Potentials of the Magnesium-Manganese Alloy System 275

Timonova, M.A., Candidate of Technical Sciences. The Nature of Corrosion Cracking of Magnesium Alloys and Protective Measures 289

Romanov, V.V., Candidate of Chemical Sciences. Effect of Certain Factors on the Tendency of Magnesium Alloys Toward Corrosion Cracking 312

Rykov, V.M. Stress Corrosion of the High Electrical Resistance Manganese-Base Alloy 318

Polchikova, I.M., V.D. Plyasunov, and A.I. Krasil'shchikov. Effect of Mechanical Stress on the Electrode Potentials of Copper 321

Lobykin, A.V., Candidate of Technical Sciences. The Tendency of Copper Alloys to Crack Depending Upon Their Composition 329

Clark, G.B., Candidate of Chemical Sciences. Corrosion Cracking of Brass in Various Climatic Zones of the USSR 345

[Metal Korrozii Institute Fizicheskoy Khimii AN SSSR (Corrosion Department of the Institute of Physical Chemistry AS USSR) and Gipronikel'-Orgmetkhoza (State Design and Planning Scientific Research Institute for Working of Nonferrous Metals) conducted joint research on this subject. I. Ya. Goykhman, Candidate of Technical Sciences and Yu. A. Smirnova, Senior Scientific Worker, participated in the work on behalf of the latter institute.]

Rozhdestvina, A. Ya., Candidate of Technical Sciences, and Yu. A. Smirnova, Junior Scientific Worker. On the Problem of Short-Time Testing of Brass Resistance to Corrosion Cracking 349

Kashtanov, S. I. and N. P. Rykin, Engineers. Detection of Intercrystalline Fracture in Aluminum Alloys with the Ion Penetrant Flaw Detection Method. 23

[illegible] by Measuring the External Friction 152

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ROMANOV, Vsevolod Vladimirovich; MOLOSTOVA, V.N., kand.tekhn.nauk, retsenzent; ZARETSKIY, Ye.M., kand.tekhn.nauk, retsenzent; SLOMYANSKAYA-MALKINA, F.B., kand.tekhn.nauk, red. [deceased]; TAIROVA, A.L., red.izd-va; SOROKINA, G.Ye., tekhn.red.

[Stress corrosion cracking of metals] Korrozionnoe rastreskivanie metallov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 177 p. (MIRA 13:5)
(Corrosion and anticorrosives)

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